

ABSTRACT THE DISCLOSURE

In an optical disc apparatus reading and writing data with respect to an optical disc, a motor controller uses widest pattern signals outputted from an optical pickup for judging size of an optical disc mounted on a turn table and stop of rotation of the optical disc. Since an inverse number of the widest pattern signal has correlation with a frequency sensed by a conventional frequency generator, the motor controller calculates a difference between inverse numbers of the widest pattern signals before and after putting braking force to the turn table, and judges the size of the optical disc with reference to variation of rotation speed before and after the braking. The motor controller further calculates a prediction time when the rotation of the optical disc will be stopped with using the variation of the inverse number of the widest pattern signal, stops to put the braking force to the turn table at the prediction time, and judges the rotation of the optical disc has been stopped.